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Introduction to the Index

Subject Index

The alphabetically ordered subject index contains entries based on the most important subjects mentioned in the title and abstract. Word-by-word alphabetisation is used for the bold subject headings, hyphenated words being treated as single entries. Repetition of words or phrases that occur in preceding entries is avoided by the use of indentation.

The main principles of the indexing system are illustrated in the following typical entries:

- (1) **Biological tissues**, see also under *Plants*, and under names of specific tissues analysis, with laser micro-probe, 4J102
 - (2) **Plants**, see also *Algae; Cereals; Fungi; Vegetables* analysis, applications of ion-sensitive electrodes in, review, 2F1
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 - (4) **Aliesterase**, see *Enzymes, specific*, carboxylesterase
 - (5) **BHT**, see *p-Cresol, 2,6-di-t-butyl-*
 - (6) **Environmental materials**, analysis, X-ray monochromators for use in, 2A1C chrom. analysis of, 2J37B
- (1) Abstracts are indexed under the most specific heading that can be assigned on the basis of the title and abstract text. **Biological tissues** is a general heading; such a heading is used either because no specific tissue is named, or because the abstract indicates the general applicability of the subject matter to all or most tissues. An abstract on a specific tissue should be looked for under the name of that tissue. "See also" references direct the user to closely related subjects—in this case **Plants**.

- (2) **Plants** is also a general heading. "See also" references direct to other more specific headings, which must also be searched for complete retrieval.
- (3) References to *Cosmetics, Dyes, Enzymes, miscellaneous Optical devices* and minor items of *Laboratory apparatus* will be found under these general headings. Thus, "Amidase" will be found under **Enzymes, specific**.
- (4) "Aliesterase" is also referred to **Enzymes, specific**, but is then referred to "Carboxylesterase", which is the name used in *Analytical Abstracts*.
- (5) Organic compounds are, in general, indexed under the parent compounds, except under the headings *Indicators* and *Reagents, organic*, and the lists of reagents under specific elements. Esters and salts of organic acids are, in general, indexed under the names of their acid constituents. Each compound has only one main entry, which is usually a systematic name, and synonymous names are cross-referred to the main entry. Capital-letter abbreviations such as **BHT** are grouped at the beginning of the alphabetical sections corresponding to the initial letter.
- (6) The letter **B** or **C** following the abstract number indicates that the item refers to a book or conference paper, respectively.

Author Index

The names of all authors are listed alphabetically, and prefixes are treated as part of the surname; letter-by-letter alphabetisation is used.

The German ä, ö and ü and the Danish or Norwegian ø have been rendered as ae, oe, ue and oe, respectively. Books are indicated by **B** after the abstract number.

Errata

Some errata subsequently published in the journals abstracted are included in the following list. When the initials of given names in the Author Index and in the abstracts do not agree, the Index should be assumed to be correct.

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| No. | Line | |
|-------|------|--|
| 1B208 | 5 | insert 1983, before 12(1) |
| 1C118 | 9 | insert PVC, before Cerechlor |
| 1C118 | 10 | delete VC, |
| 1D101 | 9,10 | for E ¹ read E ₁ |
| 1D173 | 9 | for 3-L-hydroxyprolylpropyl read 3-(L-hydroxyprolyl)propyl |
| 1D204 | 9 | for E ¹ read E ₁ |
| 1D206 | 12 | insert 1 after Ingrain Blue |
| 1E34 | 2,3 | for Silva, S.; Marisol M. read Silva S., Marisol M. |
| 1E73 | 6 | delete was |
| 1J158 | 2 | for studes read studies |
| 2B27 | 7 | for K - phthalate read K H phthalate |
| 2C35 | 13 | for 2C211 read 2C11 |
| 2D63 | 8 | for dried read drug |
| 2D68 | 8 | for aq. soln. urine or plasma read urine, plasma, aq. soln. |
| 2E17 | 19 | for ephrine read ephedrine |
| 3A10 | 6 | insert 6- before (2-arsono- phenylazo)- |

| | | |
|-------|----------|---|
| 3B38 | 14 | for tera- read tetra- |
| 3B63 | 15,16,17 | these lines should read Y in the presence of La, "he mean error for Y is 0.6 to 6.6%. |
| 3B77 | 10 | after oxidise insert U ^{III} |
| 3B112 | 5,6, | for (Anal. Abstr., 1982, 43, 3B183) read (Ann. Univ. Mariae Curie- Skłodowska, Sect. AAA, 1979, 33, 101) |
| 3B153 | 12 | for E ¹ read E ₁ |
| 3B178 | 9 | for Ar read Al |
| 3C15 | 11 | for cyclohexane read cyclohexanone |
| 3C24 | 14 | insert bc after can |
| 3C106 | 6 | for NMD read HMDS |
| 3D174 | 11 | for record read second |
| 3F44 | 10 | for 3F6) before Inulin read 3F6). Inulin |
| 3F44 | 11,12 | for, again prior to read before |
| 3G9 | 11 | for Zn read Pb |
| 3G35 | 9 | for 1,2,4-dioxo- read -2,4-dioxo- |
| 3G38 | 8 | insert a before metabolite |
| 3J57 | 6 | for led into read coupled to |
| 3J128 | 6 | delete each |
| 3J128 | 7 | for both read each |
| 4A27 | 5 | for Chem. read Chim. |
| 4A27 | 6 | delete i after proton |
| 4D60 | 13 | for ≤1 read ≥1 |
| 4D164 | 5 | for 529 read 259 |

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Abstract

| No. | Line |
|-------|------|
| 4D166 | 2 |
| 4D166 | 3 |
| 4H42 | 13 |
| SB49 | 14 |
| SB49 | 15 |
| SB53 | 2 |
| SB56 | |
| SB106 | 3 |
| SB107 | |
| SB138 | 7 |

*for Zhohlo read Zhoglo
for Mykhailyk read Mikhailik
for 1mμ ml⁻¹ read 1 μg ml⁻¹
delete of
insert of before Mg
for (pyridylazo)-2-naphthol read
pyridylazo)-2-naphthol
for Stal read Stali
for CO₄⁻ read ClO₄⁻*

VOL. 45, 1983

Abstract

| No. | Line |
|-------|------|
| 5D218 | 9 |
| 5H60 | 11 |
| 5H64 | 5 |
| 6D217 | 15 |
| 6G37 | 11 |
| 6G39 | 5 |

*for N-2-hydroxy-5-nitrophenyl)hexadecanamide read N-(2-hydroxy-5-nitrophenyl)hexadecanamide
for a.a.s. read a.e.s.
for H read N
for -yl-ethane read -1-yl]ethane
for a - Sep-Pak Florisil read a Sep-Pak, Florisil
for 5,9,13-Trimethyltetradeca-4,8,12-decatrienoic acid read Farnesyl acetate*

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acridine yellow. *No.* 46025
alizarin. *Pigment Red* 83
Alizarin blue. *No.* 67410
alizarin red S. *Mordant Red* 3
Amido black. *Acid Black* 1
Astra violet 3R. *Basic Violet* 16
Azure A. *No.* 52005
Azure B. *No.* 52010
Brilliant black BN. *Food Black* 1
butylrhodamine B. *Basic Violet 10 butyl ester*
carmic acid. *Natural Red* 4
Chromal blue G. *Mordant Blue* 55
Chrome Azurol S. *Mordant Blue* 29
Chromotrope 2B. *Acid Red* 176
Chromotrope 2R. *Acid Red* 29
cochineal. *Natural Red* 4
Congo red. *Direct Red* 28
Coomassie brilliant blue G250. *Acid Blue* 90
Coomassie brilliant blue R250. *Acid Blue* 83
crystal violet. *Basic Violet* 3
curcumin. *Natural Yellow* 3
eosin. *Acid Red* 87
Eriochrome Azurol B. *Mordant Blue* 1
Eriochrome black T. *Mordant Black* 11
Eriochrome blue SE. *Mordant Blue* 13
Eriochrome cyanine R. *Mordant Blue* 3
erythrosine B. *Acid Red* 51
ethyl violet. *Basic Violet* 4
Evans blue. *Direct Blue* 53
Fast Red TR salt. *Azoic Diazo Component* 11
fluorescein. *Acid Yellow* 73
indigo. *Food Blue* 1
malachite green. *Basic Green* 4
Meldola blue. *Basic Blue* 6
methyl orange. *Acid Orange* 52
methylene blue. *Basic Blue* 9
naphthalene black. *Acid Black* 1
neutral red. *Basic Red* 5
phenosafranine. *No.* 50200
Pyronine G. *No.* 45005
quinaline yellow. *Acid Yellow* 3
Remazol Brilliant Blue. *Reactive Blue* 19
Resorcin blue. *No.* 51020
Rhodamine B. *Basic Violet* 10
Rhodamine 6G. *Basic Red* 1
Sirius red F3BA. *Direct Red* 80
Solochrome black T. *Mordant Black* 11
Solochrome cyanine R. *Mordant Blue* 3
Solochrome dark blue. *Mordant Black* 17
Sudan black B. *Solvent Black* 3
tartrazine. *Food Yellow* 4
tetraiodofluorescein. *Acid Red* 51
Titan yellow. *Direct Yellow* 9
tropaeolin OO. *Acid Orange* 5
ultramarine blue. *Pigment Blue* 29

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52010, as reagent for surfactants, 3C91
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Acid Blue 83, as reagent for acidic polysaccharides, 4D146
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